

QVS2GPASQ2TT

2 x 32W

ALTER WINDOWS

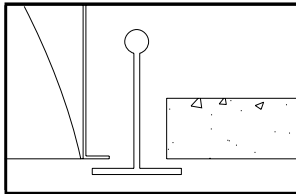
2' X 2' RECESSED FLUORESCENT
2 LAMP, TTT TRIPLE TUBE, 8" DEEP
SOLID WHITE PERIMETER LAMP SHIELD /
WHITE MESH CENTER STATIC

- Efficiency 46.7%.
- Utilizes two triple tube (TTT) lamps.
- Alter soft white film inside of microperforated lamp shield conceals lamp image and provides balance between reflected and direct light.
- Choice of two lamp shields.
- 95% reflective Alter soft white paint finish.
- Multi-texture lamp shield provides a gradation of light effect that creates visual interest and architectural detail.
- Unique symmetrical design elements.
- Fits standard T-grid, exposed slot-T-grid.
- Swing-down design for easy relamping.
- No visible welding, screws, latches, springs, holes, rivets or plastic supports.
- Easy access to ballast through lamp compartment.

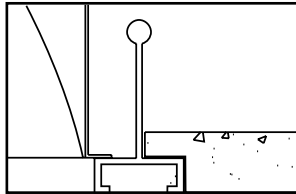


MOUNTING METHODS/FEATURES

Ceiling compatibility

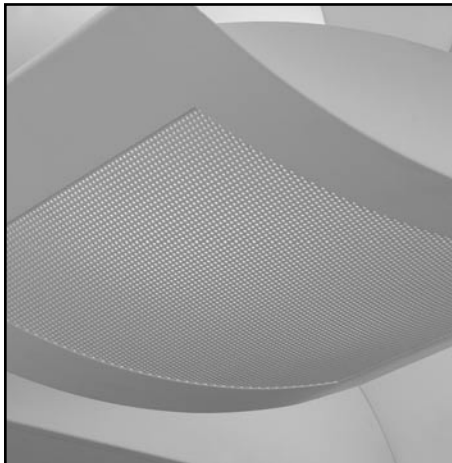


Suited to standard exposed T-grid ceilings

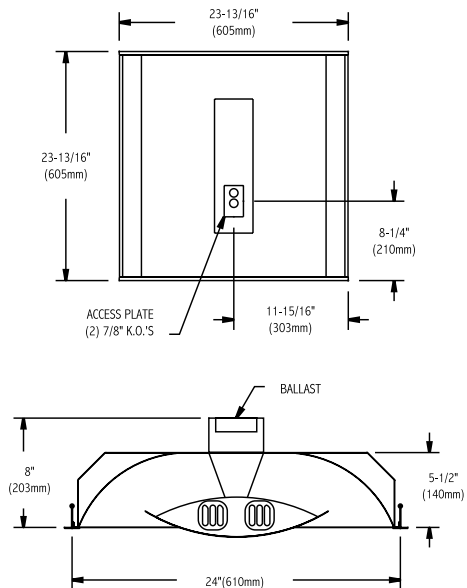


Suited to standard exposed Slot T-grid ceilings

Multi-Texture Lamp Shield



DIMENSIONS



FIXTURE TYPE

VOLTS

JOB INFORMATION:

QVS2GPASQ2TT

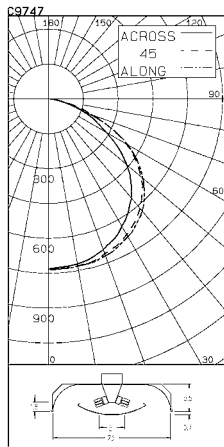
ALTER WINDOW 2' X 2' RECESSED FLUORESCENT

CERTIFIED TEST REPORT NO. LSC9747
COMPUTED BY LSC PROGRAM **TEST-LITE**

LIGHTOLIER-CFI 2x2 RECESSED LUMINAIRE CAT. NO. QVS2GPFSQ2TT120TC
WITH WHITE PAINTED REFLECTORS AND FULL PERFORATED BASKET
TWO 32W PL-T COMPACT FLUORESCENT LAMPS. LUMEN RATING = 2400 LMS.
ONE ADVANCE 120-277V 2-LAMP ELECTRONIC BALLAST NO. 1CF-2S42-M2-LD

LIGHTING SCIENCES CANADA LTD.
440 PHILLIP ST., UNIT 19
WATERLOO, ONTARIO

CERTIFIED TEST REPORT NO. LSC9747
COMPUTED BY LSC PROGRAM **TEST-LITE**



CANDLEPOWER SUMMARY				OUTPUT LUMENS	
ANGLE	ALONG	22.5	45	67.5	ACROSS
0	732	732	732	732	732
5	733	731	732	730	725
10	731	731	730	727	721
15	729	726	726	716	710
20	718	717	710	699	690
25	703	704	696	679	666
30	684	684	675	651	632
35	659	659	648	619	598
40	630	629	614	582	555
45	586	587	571	535	502
50	531	537	518	483	440
55	469	475	460	416	393
60	394	402	387	339	287
65	300	310	297	265	223
70	189	202	205	201	162
75	105	111	119	120	99
80	58	58	58	55	45
85	26	22	18	16	13
90	1	2	2	0	1

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	592	12.34	26.42
0-40	991	20.65	44.22
0-60	1815	37.82	80.98
0-90	2241	46.70	100.00
40-90	1250	26.05	55.78
60-90	426	8.88	19.02
90-180	0	.00	.00
0-180	2241	46.70	100.00

** EFFICIENCY = 46.7% **

LUMINANCE SUMMARY-CD. / SQ. M.

S/MR = 1.3

SC(ALONG) = 1.4, SC(ACROSS) = 1.3

ANGLE	ALONG	45	ACROSS
45	2427	2373	2058
55	2396	2359	1887
65	2077	2063	1551
75	1183	1345	1122
85	867	599	426

CERTIFIED BY:

DATE: MAY 15, 2003

PREPARED FOR:
LIGHTOLIER-CFI
CORNWALL, ONTARIO

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

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COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80				70				50				30				10				0			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	0	.56	.56	.56	.56	.54	.54	.54	.54	.52	.52	.52	.50	.50	.50	.48	.48	.48	.47	.47	.47	.47	.47	.47
	1	.51	.49	.48	.46	.50	.48	.47	.45	.46	.45	.44	.44	.43	.42	.43	.42	.41	.40	.40	.40	.40	.40	.40
	2	.47	.44	.41	.38	.46	.43	.40	.38	.41	.39	.37	.40	.38	.36	.38	.37	.35	.34	.34	.34	.34	.34	.34
	3	.43	.39	.35	.32	.42	.38	.35	.32	.37	.34	.31	.35	.33	.31	.34	.32	.30	.29	.29	.29	.29	.29	.29
	4	.40	.35	.31	.28	.39	.34	.30	.28	.33	.30	.27	.32	.29	.27	.31	.28	.27	.26	.26	.26	.26	.26	.26
	5	.37	.31	.27	.24	.35	.30	.26	.24	.29	.26	.23	.28	.25	.23	.26	.25	.23	.22	.22	.22	.22	.22	.22
	6	.34	.27	.23	.21	.33	.27	.23	.20	.26	.23	.20	.25	.22	.20	.25	.22	.20	.19	.19	.19	.19	.19	.19
	7	.31	.24	.21	.18	.30	.24	.20	.18	.23	.20	.17	.23	.20	.17	.22	.19	.17	.16	.16	.16	.16	.16	.16
	8	.28	.22	.18	.16	.28	.22	.18	.15	.21	.18	.15	.21	.18	.15	.20	.17	.15	.14	.14	.14	.14	.14	.14
	9	.26	.20	.16	.14	.26	.20	.16	.14	.19	.16	.13	.19	.16	.13	.18	.15	.13	.12	.12	.12	.12	.12	.12
	10	.24	.18	.14	.12	.24	.18	.14	.12	.17	.14	.12	.17	.14	.12	.17	.14	.12	.11	.11	.11	.11	.11	.11

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 71.6
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

ORDERING INFORMATION Explanation of Catalogue Number Example: QVS2GPASQ2TT120TC

QVS	2	G	PA	SQ	2	TT	120	TC	
FAMILY QVS: Quality Visual Louver	LUMINAIRE WIDTH 24"	CEILING TYPE G=Grid	LAMP SHIELD PC = solid white perimeter lamp shield / white mesh inner area with solid center PA = solid white perimeter lamp shield / white mesh center	SHIELD DETAILING SQ= Square Windows basket	LAMP QUANTITY 2	LAMP TT = TTT Triple Tube	VOLTAGE 120,277 347	BALLAST TC = Electronic 2 x 32W TTT 4 pin TD = Electronic 2 x 42W TTT 4 pin PD = Electronic Dimming 2 x 42W TTT 4 pin*	OPTIONS

* Not available in 347V.

SPECIFICATIONS

MATERIALS: One piece chassis constructed from die formed 20 gauge cold rolled steel. **Reflectors** - 95% reflectance baked white acrylic matte paint finish. Soft white acrylic film on inside of lamp shield conceals lamp image.

FINISH: Chassis exterior - phosphate undercoating, baked white acrylic matte high reflectance paint finish.

ELECTRICAL: Rapid start HPF, thermally protected class "P" ballast (Bi-tube type). If K.O.s are within 3" of ballast use wire suitable for at least 90C.

LABELS: Listed by CSA, UL

We reserve the right to change, materials and finish in any way that will not alter installed appearance or reduce function and performance.

Genlyte Thomas Company

631 Airport Road, Fall River, MA 02720 - Tel. (508) 679-8131
C.F.I. Division of Canlyte, Inc.
525 Education Road, Cornwall, Ontario
Canada K6H 6C7 - (613) 938-6221